

## Snowflake Symmetry

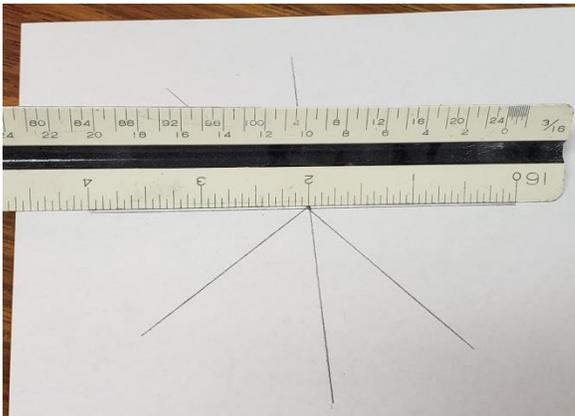
### Materials:

- Blank paper
- Coloring utensils
- Ruler
- Pencil

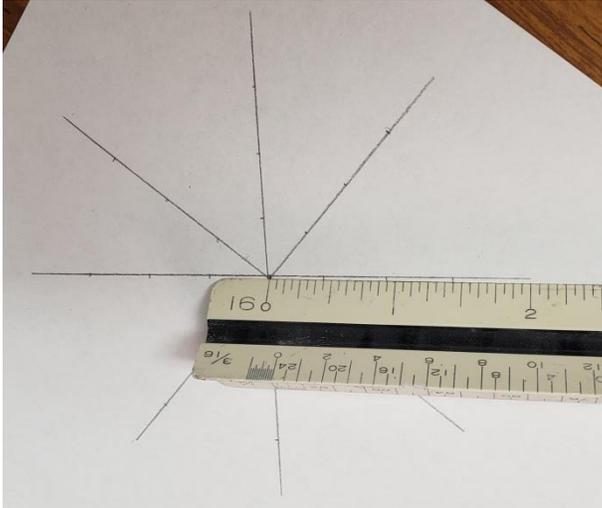


### Directions:

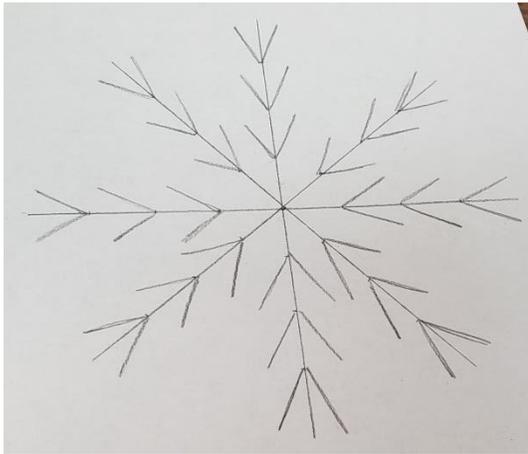
1. Using your ruler, measure out the diameter you want your first snowflake to be. On that line, make the center point of the line. This will become the center of your snowflake and where all other lines of your snowflake will cross through.



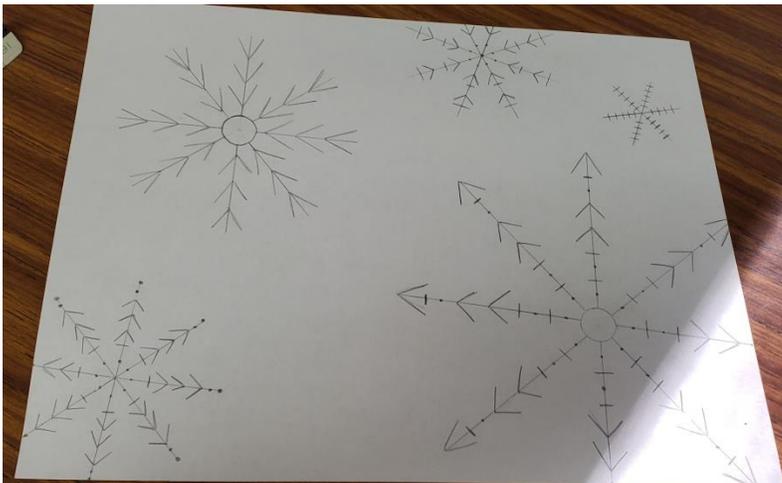
- a. Draw as many lines as you would like for your snowflake. I drew 3-4 lines for each snowflake.
2. Now, using your ruler, measure out equal increments on each line, this is where the snowflake design will take place. You're measuring it out because you want the entire snowflake to be symmetrical and everything to be at the same spot on the snowflake.



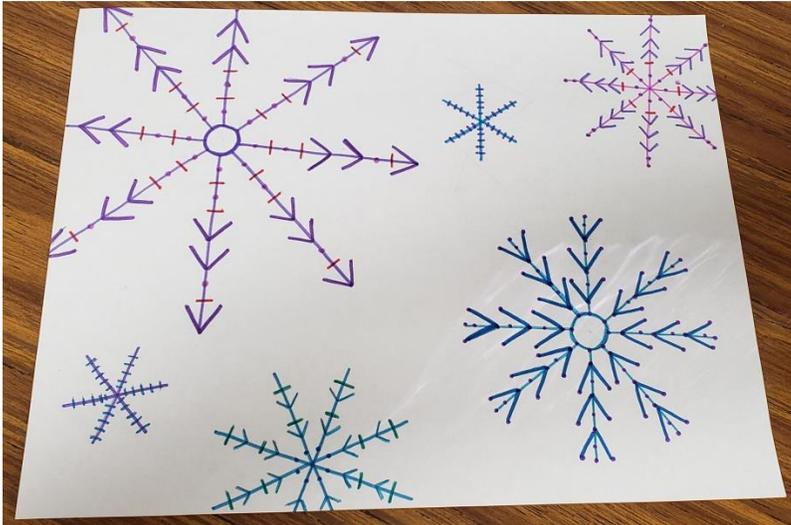
3. Now, at each mark you made, draw a design. Draw the same design on each line and at each increment. You can draw arrows, lines, dots, etc. Have fun with different designs!



4. Make multiple snowflakes on your paper. Try and make each snowflake unique, just like they are in real life!



5. Once you have drawn all of your snowflakes, color them with your coloring utensils. I used cool colors to stick with the winter theme but you can use any color that you'd like!



**Visit the Wilbur D. May Arboretum and Botanical Garden and look for other things of symmetry found in nature!**